

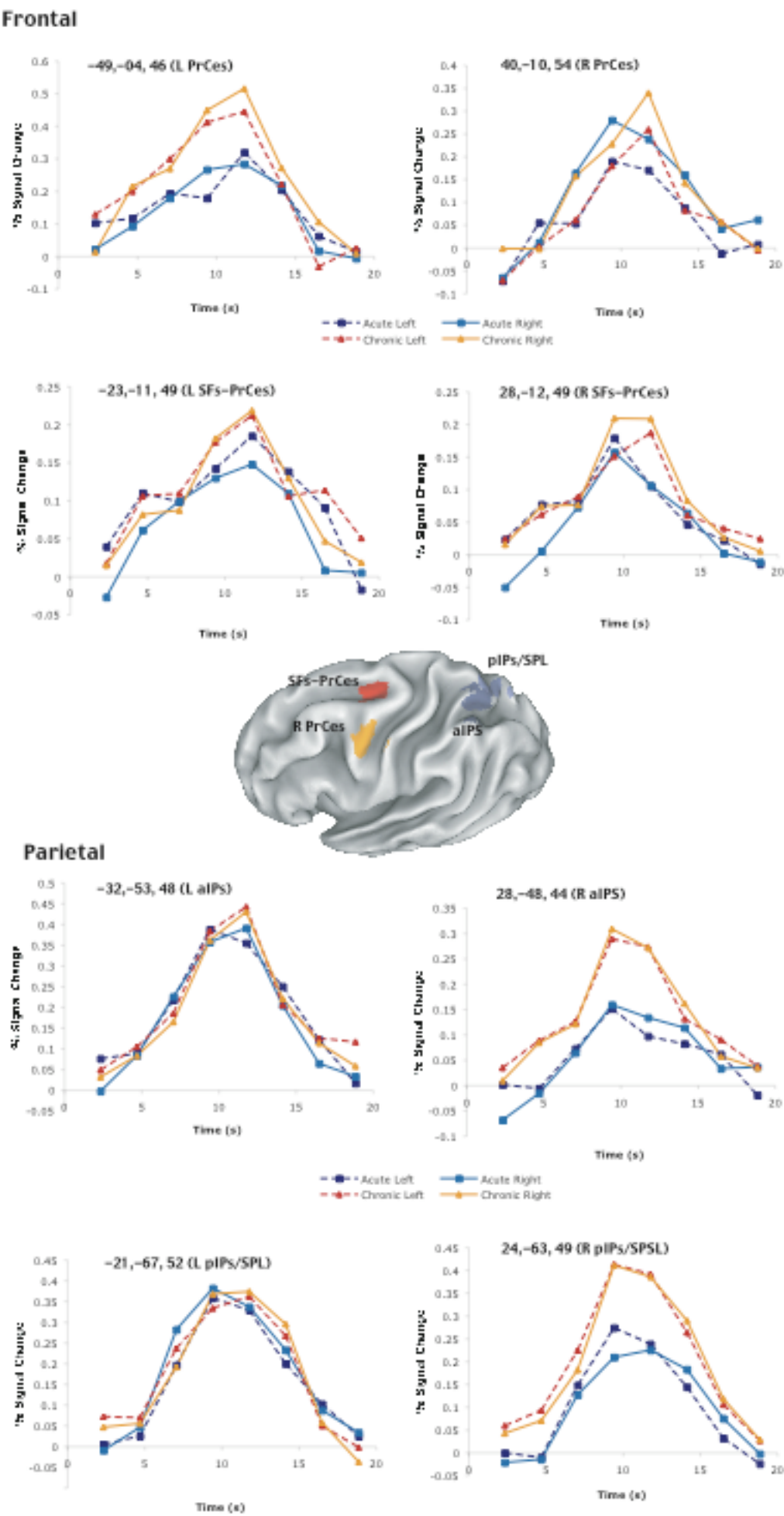


Figure 1. Push-pull pattern in dorsal parietal cortex, not in frontal cortex. BOLD signal time courses in neglect patients from frontal (FEF) and parietal (IPS) ROIs selected in young adult group 18. We found robust and statistically significant reactivation from acute to chronic stage in right parietal cortex (aIPs, 28,-48,44 stage $F = 9.33$, $P = 0.01$; stage $\times$ MR frame $F = 2.12$, $P = 0.05$; pIPs/SPL 24,-63,49 stage $F = 3.68$, $P = 0.08$; vIPs, 29,-72,25 stage $\times$ MR frame $F = 2.10$, $P = 0.054$), but not in left parietal cortex. At the acute stage only, the BOLD signal was significantly larger in left than in right parietal cortex (aIPs $F = 2.25$, $P = 0.04$; aIPs+pIPs $F = 3.59$, $P = 0.08$). This analysis confirmed that left parietal cortex is relatively more active at the acute stage, and that right parietal cortex reactivates at the chronic stage rebalancing the two hemispheres. No difference was found in left and right FEF ($P > 0.05$).